

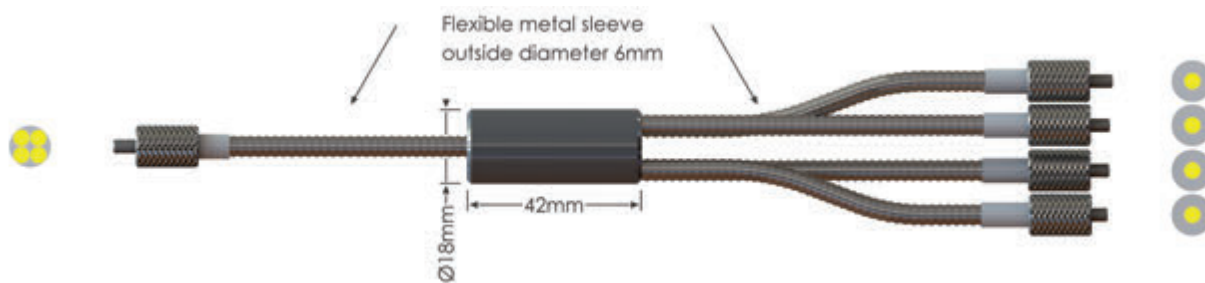
Multi-furcated Fiber-optic Cables

Simultaneous multi-point measurements and Avantes multi-channel spectrometers, require multi-furcated fiber-optic cables. These assemblies can function as a combiner or splitter of light as they have multiple legs on side which converge into a single connector on the opposite side. Avantes offers virtually any combination possible, which can be adapted to your requirements.

Typical setups that require multi-furcated cables are:

- One sampling point such as an integrating sphere, cosine corrector or collimating lens being measured from several spectrometers (individual AvaSpecs or Multi-channel).
- Multiple illumination fibers splitting out from one light source to different sampling points.

All types of connectors, jacketings and fiber sizes are available for these multi-furcated fiber cables. Contact us to configure and quote you on your specific needs.



FC4-UVIR200-2-ME

Ordering Information

FC4-xx200-2	• Four-furcated cable, 4x200 μm fibers, all legs SMA terminated, total 2 m long, splitting point in the middle
FC4-xx400-2	• As FC4-xx200-2, but with 4x400 μm fibers
FC4-xx600-2	• As FC4-xx200-2, but with 4x600 μm fibers
FC5-xx200-2	• Five-furcated cable, 5x200 μm fibers, all legs SMA terminated, total 2 m long, splitting point in the middle
FC5-xx400-2	• As FC5-xx200-2, but with 5x400 μm fibers
FC6-xx200-2	• Six-furcated cable, 6x200 μm fibers, all legs SMA terminated, total 2 m long, splitting point in the middle
FC6-xx400-2	• As FC6-xx200-2, but with 6x400 μm fibers
FC8-xx200-2	• Eight-furcated cable, 8x200 μm fibers, all legs SMA terminated, total 2 m long, splitting point in the middle
FC8-xx400-2	• As FC8-xx200-2, but with 8x400 μm fibers

Other lengths available on request

Specify xx = UV for UV/VIS fiber cables, IR for VIR/NIR and UVIR for broadband UV/VIS/NIR